

BIOLOGY 12: UNIT J - CHAPTER 15 - REVIEW WORKSHEET
RESPIRATORY SYSTEM

A. CHAPTER REVIEW

1. Define the four components of respiration.

2. What happens to the air as it moves along the air passages? What happens to the air as it is expired?

3. How do we get a **sinus headache**? What tube leads into the nasopharynx from the middle ears?

4. What two passages temporarily join in the pharynx?

5. Name the opening at the top of the larynx. Why doesn't food enter the glottis when food is swallowed?

6. What factors determine the pitch of the voice? The loudness of the voice?

7. What is the function of the C-shaped cartilaginous rings in the trachea?

8. What is the function of the cilia in the trachea?

9. What is the purpose of a tracheostomy?

10. As the bronchial tubes subdivide, what happens to their walls? What is an **alveolus**?

11. Describe what happens in **infant respiratory distress syndrome**.

12. Explain why intrapleural pressure needs to be less than the atmospheric pressure during inspiration.

13. What are the three primary stimuli that trigger breathing?
